

Some known inhibitors of 11 β -HSD also inhibit 11 β -reductase in intact primary neurons

11 β -reductase activity
(% conversion)

40

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11 β -HSD activity

40

30

20

10

0

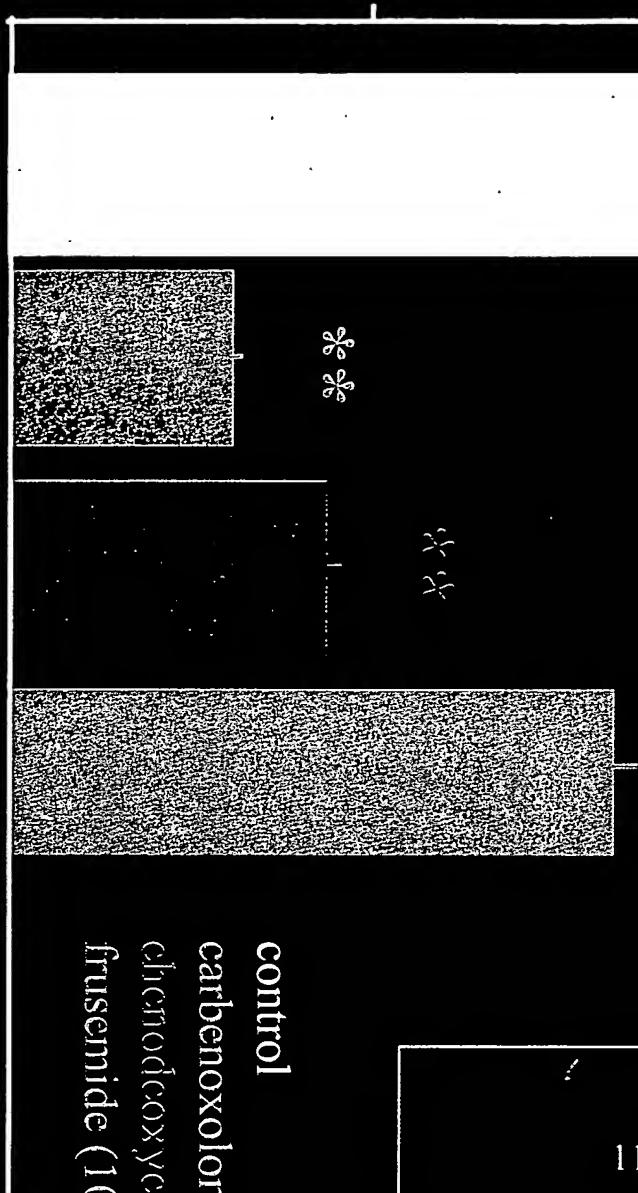
0 10⁻⁵ 10⁻⁴

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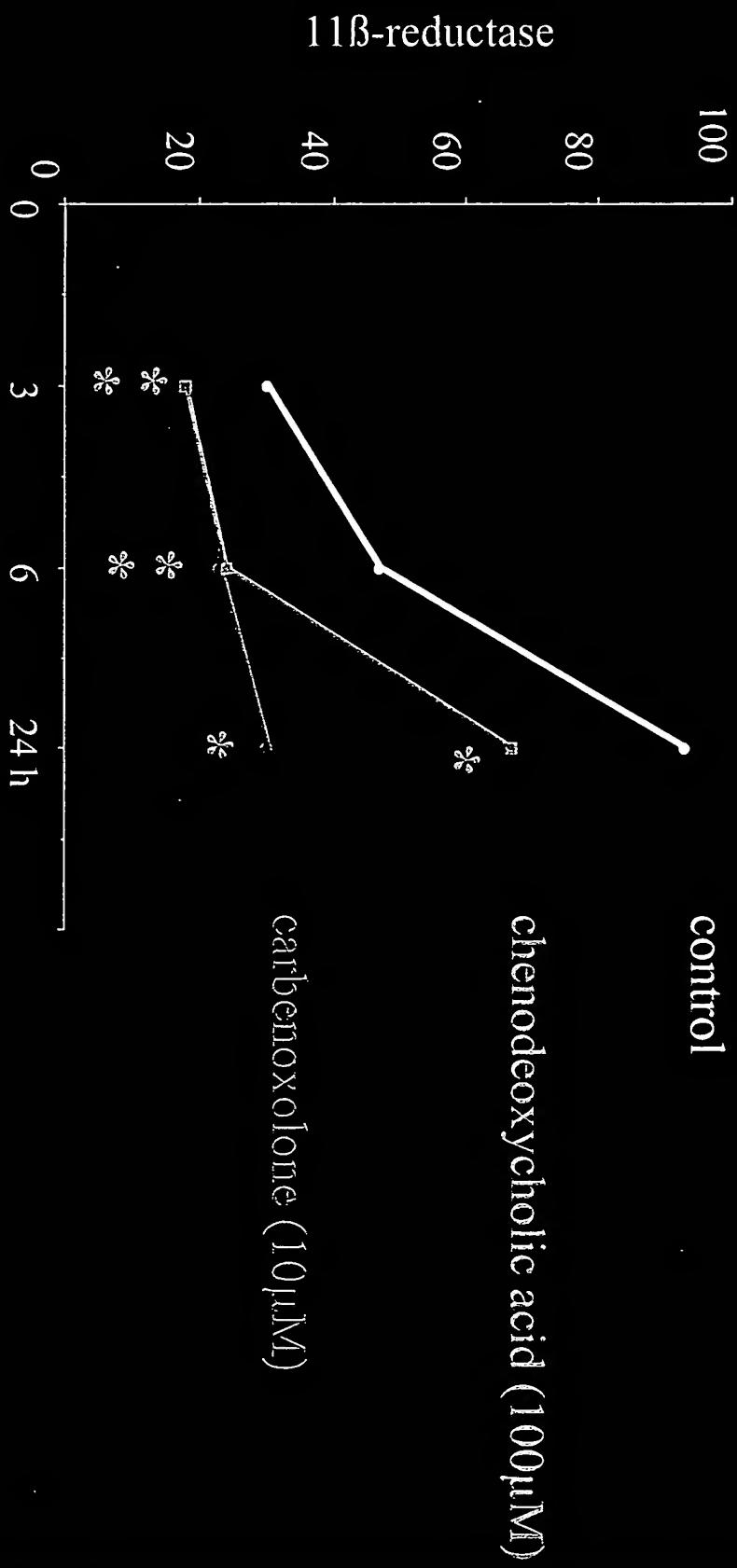
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control

carbenoxolone (10 μ M)
chenodeoxycholic acid (C₂₇H₄₄O₄; 1(10)10M)
frusemide (10 μ M)



Chenodeoxycholic acid inhibits 11 β -reductase in intact adipocytes



Following teachings in the application, we have identified further inhibitors of the reductase activity of 11 β -HSD1 in adipose and neuronal tissue.